



BENTON CLEAN AIR AGENCY

NOTIFICATION OF DEMOLITION AND RENOVATION

FEE RECEIVED	POSTMARK	DATE RECEIVED <u>7/19/2012</u>
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I. TYPE OF NOTIFICATION (circle one): Original Revised Cancelled Annual

II. OWNER NAME: U.S. Department of Energy- Richland Operations Office
Mailing Address: 825 Jadwin Ave City: Richland State: WA Zip: 99352
Contact: D.E. Jackson / J. E. Rasmussen Telephone: 376-8086 Cell Phone: 406-366-0290

ABATEMENT CONTRACTOR: CH2M Hill Plateau Remediation Company
Mailing Address: P.O. Box 1600, MS H7-30 City: Richland State: WA Zip: 99352
Contact: D. R. Turlington Telephone: 373-0176 Cell Phone: 225-223-4606

OTHER OPERATOR: N/A
Mailing Address: N/A City: State: Zip:
Contact: N/A Telephone: Cell Phone:

III. TYPE OF OPERATION: X Demolition Renovation Emergency Renovation House Move

IV. IS ASBESTOS PRESENT? X Yes No

V. FACILITY DESCRIPTION (Include building name, number & floor/room number):

Building Name: 200 Area Steam lines
Address: 200 Area/Hanford City: Richland State: WA County: Benton
Site Location of Asbestos (basement piping, main floor ceiling, exterior siding, etc.):
Abandoned Steam line wrapped with asbestos containing insulation—2000 linear feet

Building Size: N/A # of Floors: N/A Age in Years: Steam line >20 yrs old.
Present Use: Abandoned Prior Use: Industrial steam line

VI. ASBESTOS SURVEY CONDUCTED? (Yes/No) BY WHOM? Deb. Abramson PHONE 438-0632
DATE CONDUCTED July 2012 LOCATION OF SURVEY REPORT Office of Deb Abramson
DESCRIPTION OF THE PROCEDURE (INCLUDING ANALYTICAL METHODS) EMPLOYED TO DETECT THE PRESENCE OF ASBESTOS MATERIALS Process Knowledge/ evaluation by asbestos competent person

VII.

Approximate Amount of Asbestos Present, Including:	Amount of RACM To Be Removed	Amount of Nonfriable Asbestos Material Not To Be Removed	
		Category I	Category II
Pipes of 10 In. O.D. (Ln.Ft.)	2000 ft	2000 ft pf 10 in. O.D. piping.	
Surface Area (Sq.Ft.)			
RACM Off Facility Component (Sq.Ft.)			

VIII. SCHEDULED DATES ASBESTOS REMOVAL: Start: July 30, 2012 Complete: Sept. 30, 2012
SCHEDULED WORK WEEK: up to 7 days/wk SCHEDULED WORK HOURS: up to 84 hrs per week

IX. SCHEDULED DATES DEMOLITION OR RENOVATION: Start: July 30, 2012 Complete: Sept. 30, 2012

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK & METHODS TO BE USED: Removal of approx. 2000 feet of 10 inch steam line.

- XI. DESCRIPTION OF WORK PRACTICES & ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION OR RENOVATION SITE: (Use additional paper if needed) Full abatement for ACM removed in place will be with full enclosure glove bags. HEPA vacs to collect dust/debris containing ACM. Wet methods or wetting agents utilized during ACM handling, removal, cutting, and cleanup except where not feasible due to electrical or other hazards. HEPA vacuums will also be used for removal. Prompt cleanup and disposal of waste or debris in leak-tight containers. Negative pressure HEPA enclosures used if glove bags are not feasible. Impermeable drop cloths used on surfaces beneath all removal activities.
- XII. WASTE TRANSPORTER: CH2M Hill Plateau Remediation Company
Address: P.O. Box 1600 City: Richland State: WA Zip: 99352
Contact: D. W. Chojnacki Telephone: 509-373-3345
- XIII. WASTE DISPOSAL SITE: Environmental Restoration Disposal Facility (ERDF)
Location: U. S. Department of Energy, Hanford Site
City: Richland State: WA Zip: 99352 Telephone: 376-8086
** See attachment 1*
- XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:
(COPY OF ORDER MUST BE ATTACHED)
Agency: N/A
Date of Order (Mo/Da/Yr): N/A Date Ordered to Begin (Mo/Da/Yr): N/A
- XV. FOR EMERGENCY RENOVATION: Date & Hour of the Emergency (Mo/Da/Yr): N/A
Description of the Sudden, Unexpected Event: N/A

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden: N/A
- XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER: See work practices and controls described under item XI above. In addition, all Class I work will be supervised by a certified Asbestos Competent Person (ACP). Entire area of work will be designated as an Asbestos Regulated Area with appropriate controls. Environmental Compliance Officer (ECO) will be contacted regarding any unexpected conditions, with appropriate notifications assured by that ECO.
- XVII. I CERTIFY THAT WORKERS AND SUPERVISORS CONDUCTING ASBESTOS WORK ARE TRAINED IN ACCORDANCE WITH THE PROVISIONS OF 40 CFR, PART 61, SUBPART M, AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED WILL BE AVAILABLE ON SITE FOR INSPECTION DURING NORMAL WORKING HOURS. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.
- XVIII. Fen Simmons *Fen Simmons* July 19, 2012
(Signature - Owner/Operator) Date

NOTIFICATION FEE SCHEDULE

OPERATION CATEGORY	ADVANCED NOTIFICATION PERIOD REQUIRED	FEE
All Demolition Projects	10 Working days	\$25
Residential Asbestos Project	10 Working days	\$25
Asbestos Project: 10 to 259 lf or 48 to 159 sf	10 Working days	\$150
Asbestos Project: 260 to 999 lf or 160 to 4,999 sf	10 Working days	\$300
Asbestos Project: 1,000 to 9,999 lf or 5,000 to 49,999 sf	10 Working days	\$600
Asbestos Project: more than 10,000 lf or more than 50000 sf	10 Working days	\$1800
Annual Notification	10 Working days	\$1800
OTHER CHARGES - ADD TO QUANTITY BASED FEE		
Revision #	Prior Notification	Res. \$30/Others \$60
Emergency Renovation or Demolition	Prior Notification	Res. \$60/Others – Additional Initial Fee
All Approved Alternate Methods	10 Working days	Res. \$60/Others – Additional Initial Fee

BCAA Signature of Review



Date

7-19-12

Attachment 1.

XIII Additional Waste Disposal Site

Waste Management Inc. Kennewick, WA (Columbia Ridge Landfill in Arlington, OR)

Phone 509-582-5121

Basin Disposal Inc. Pasco, WA (Finley Buttes Landfill in Boardman, OR)

Phone 509-547-2478

At \$300.00
subtracted from
Hanford credit fund



BENTON CLEAN AIR AGENCY

NOTIFICATION OF DEMOLITION AND RENOVATION

FEE RECEIVED 5/8/12	POSTMARK	DATE RECEIVED 5/2/2012	NOTIFICATION #
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I. TYPE OF NOTIFICATION: Original Revised Cancelled Annual

II. OWNER NAME: U.S. Department of Energy - Richland Operations Office

Mailing Address: 825 Jadwin Ave. City: Richland State: Wa. Zip: 99352
Contact: D. E. Jackson / J. E. Rasmussen Telephone: 376-8086 / 376-7574 Cell Phone: N/A

ABATEMENT CONTRACTOR: CH2M Hill Plateau Remediation Company

Mailing Address: P. O. Box 1600, MS H7-30 City: Richland State: WA Zip: 99352
Contact: J. A. Bates / D. R. Turlington Telephone: 376-2088/373-0176 Cell Phone: 531-8192 / 225-223-4606

OTHER OPERATOR: N/A
Mailing Address: N/A City: N/A State: N/A Zip: N/A
Contact: N/A Telephone: N/A Cell Phone: N/A

III. TYPE OF OPERATION: ☒ Demolition ☐ Renovation ☐ Emergency ☐ Renovation ☐ House Move

IV. IS ASBESTOS PRESENT? ☒ Yes ☐ No

V. FACILITY DESCRIPTION (Include building name, number & floor/room number):

Building Name: 200 Area Steam Line
Address: 200 Area / Hanford Site City: Richland State: WA County: Benton
Site Location of Asbestos (basement piping, main floor ceiling, exterior siding, etc.): Abandoned Steam Line Wrapped with Asbestos Containing Insulation -- 750 ft. Steam Line is Above Ground on Approx. 3 ft high Supports

Building Size: N/A # of Floors: N/A Age in Years: Steam Line is >20 yrs old
Present Use: Abandoned Prior Use: Industrial Steam Line

VI. ASBESTOS SURVEY CONDUCTED? (Yes/No) BY WHOM? Brad P. Purvis PHONE 438-4596
DATE CONDUCTED April, 2012 LOCATION OF SURVEY REPORT Office of Brad P. Purvis

Quantity of Friable ACM To Be Removed		Description of Friable ACM To Be Removed	Quantity of Nonfriable ACM To Be Removed		Description of Nonfriable ACM To Be Removed
Pipes	160ft 10"OD	3" Thermal System Insulation Asbestos Containing Mat'l	Category I	590 ft. 16"OD	3" Thermal System Insulation, Asbestos Containing Mat'l
Surface Area			Category II		
Off Component			Other		

VIII. SCHEDULED DATES ASBESTOS REMOVAL: Start: May 17, 2012 Complete: September 30, 2012
SCHEDULED WORK WEEK: Up to 7 days/wk SCHEDULED WORK HOURS: Up to 84 hours/wk

IX. SCHEDULED DATES DEMOLITION OR RENOVATION: Start: May 17, 2012 Complete: September 30, 2012

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK & METHODS TO BE USED:

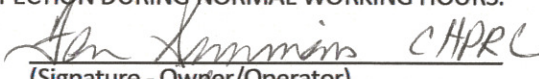
Removal of approx. 750 ft. of 10 inch steam line. Removal will be in approx. 20 ft. whole sections, except for 4-5 ft between each section remove all ACM for access to cut pipe. Also, 20 ft. section at end of line will require removal of all ACM in place.

XI. DESCRIPTION OF WORK PRACTICES & ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION OR RENOVATION SITE: (Use additional paper if needed) 20 ft. sections wrapped in at least two layers of 6-mil plastic, with seams sealed with spray glue and tape, then plastic secured by spiral wrap tape along section. ACM removed in place will be with full enclosure glove bags. HEPA vacs to collect dust/debris containing ACM. Wet methods or wetting agents utilized during ACM handling, removal, cutting, and cleanup, except where not feasible due to electrical or other hazards. Prompt cleanup and disposal of waste or debris in leak-tight containers.
• 526 South Clodfelter Road • Kennewick, Washington 99336 • Fax Number 509-783-6562 Negative pressure HEPA enclosures used if glove bags are not feasible. Impermeable drop cloths used on surfaces beneath all removal activities.
Phone: 509.783.1304 • Website: bentoncleanair.org

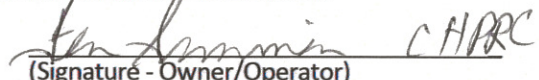
- XII. WASTE TRANSPORTER: CH2M Hill Plateau Remediation Company
 Address: P. O. Box 1600 City: Richland State WA Zip: 99352
 Contact: D. W. Chojnacki Telephone: 509-373-3345
- XIII. WASTE DISPOSAL SITE: Environmental Restoration Disposal Facility (ERDF)
 Location: U. S. Department of Energy, Hanford Site
 City: Richland State: WA Zip: 99352 Telephone: 376-7574
- XIV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:
 Agency: N/A
 Date of Order (Mo/Da/Yr): N/A Date Ordered to Begin (Mo/Da/Yr): N/A
- XV. FOR EMERGENCY RENOVATION: Date & Hour of the Emergency (Mo/Da/Yr): N/A
 Description of the Sudden, Unexpected Event: N/A

Explanation of how the event caused unsafe conditions or would cause equipment damage or an unreasonable financial burden: N/A

- XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER:
 See work practices and controls described under item XI above. In addition, all Class I work will be supervised by a certified Asbestos Competent Person (ACP). Entire area of work will be designated as an Asbestos Regulated Area with appropriate controls. Environmental Compliance Officer (ECO) will be contacted regarding any unexpected conditions, with appropriate notifications assured by that ECO.
- XVII. I CERTIFY THAT WORKERS AND SUPERVISORS CONDUCTING ASBESTOS WORK ARE TRAINED IN ACCORDANCE WITH THE PROVISIONS OF 40 CFR, PART 61, SUBPART M, AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED WILL BE AVAILABLE ON SITE FOR INSPECTION DURING NORMAL WORKING HOURS.

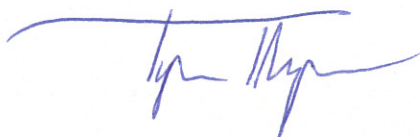
 CHPRC May 2, 2012
 (Signature - Owner/Operator) Date

- XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT.

 CHPRC May 2, 2012
 (Signature - Owner/Operator) Date

NOTIFICATION FEE SCHEDULE

OPERATION CATEGORY	ADVANCED NOTIFICATION PERIOD REQUIRED	FEE
All Demolition Projects	10 Working days	\$25
Residential Asbestos Project	10 Working days	\$25
Asbestos Project: 10 to 259 lf or 48 to 159 sf	10 Working days	\$150
Asbestos Project: 260 to 999 lf or 160 to 4,999 sf	10 Working days	\$300
Asbestos Project: 1,000 to 9,999 lf or 5,000 to 49,999 sf	10 Working days	\$600
Asbestos Project: more than 10,000 lf or more than 50000 sf	10 Working days	\$1800
Annual Notification	10 Working days	\$1800
OTHER CHARGES - ADD TO QUANTITY BASED FEE		
Revision #	Prior Notification	Res. \$30/Others \$60
Emergency Renovation or Demolition	Prior Notification	Res. \$60/Others - Additional Initial Fee
All Approved Alternate Methods	10 Working days	Res. \$60/Others - Additional Initial Fee



5/3/2012

ADDENDUM TO BCAA
"NOTIFICATION OF INTENT TO REMOVE ASBESTOS CONTAINING MATERIALS"

1. TYPE OF NOTIFICATION (O = Original / R = Revised):

(D - Demolition / R = Renovation):

FOR EMERGENCY RENOVATIONS FILL OUT THE REST OF THIS SECTION, OTHERWISE GO TO 2.

Date and Hour of Emergency (MM/DD/YY):

Description of the Sudden, Unexpected Event:

Explanation of How the Event Caused Unsafe Conditions or Serious Disruption of Industrial Operations:

2. FACILITY INFORMATION

Operator: U.S.DOE- Richland Operations Office

Street Address: 825 Jadwin Ave.

Richland, Washington 99352

Contact: D. E. Jackson / J. E. Rasmussen

Tel: 376-7574

BUILDING SIZE

Sq. Meter: N/A

Sq. Ft.: N/A

No. of Floors: N/A

Age in Years: N/A

Present Use: Abandoned Industrial Steam Line

Prior Use: Industrial Steam Supply

3. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:

Removal of approx. 750 ft. of 10" OD steam line, covered with 3" of Thermal System Insulation Asbestos Containing Material. 160ft removed in place, 590ft removed in sections.

4. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED RACM IS FOUND OR CATEGORY II NONFRIABLE ACM BECOMES CRUMBLED, PULVERIZED, OR REDUCED TO POWDER:

Entire area will be designated as an Asbestos Regulated Area with appropriate controls. Immediate wetting, wrapping, or fixing of found material, followed by removal/disposal as ACM

5. SCHEDULED DATES OF DEMO/RENOVATION (MM/DD/YY)

Start: 05/17/12

Completion: 09/30/12

6. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:

ACM removed in place in 4-5' sections every 20' to allow cutting into sections. In place removal using glove bags, wetting, wrapping, HEPA vacs as necessary. Sections wrapped& tied.

7. WASTE TRANSPORTER (Attach another sheet if there are two transporters)

Name: CH2M Hill Plateau Remediation Co.

Address: P.O. Box 1600, MSIN H7-30

City: Richland

State: WA

Zip: 99352

Contact Person: Fen Simmons / Daniel Turlington

Telephone: 372-0413

8. LOCATION OF WASTE DISPOSAL SITE

Address: ERDF Trench, U.S. DOE Hanford Site

City: Richland

State: WA

Zip: 99352

9. APPROXIMATE AMOUNT OF RACM TO BE REMOVED AND NONFRIABLE ASBESTOS MATERIAL THAT WILL NOT BE REMOVED. SPECIFY THE AMOUNT BELOW.

	Nonfriable Asbestos Material Not to be Removed Before Demolition		
	RACM to be Removed	Cat I	Cat II
Pipes - Linear Meters (Linear Feet)	See V. of BCAA Form		
Surface Area - Square Meters (Square Feet)	See V. of BCAA Form		
Volume RACM Off Facility Component - Cubic Meter			

10. I certify that an individual trained in the provisions of (40 CFR 61, Subpart M) will be on-site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours.


(Signature of Owner/Operator)

5/2/12
(Date)

372-0413



5/3/2012

Attachment 1.

XIII Additional Waste Disposal Site

Waste Management Inc. Kennewick, WA (Columbia Ridge Landfill in Arlington, OR)

Phone 509-582-5121

Basin Disposal Inc. Pasco, WA (Finley Buttes Landfill in Boardman, OR)

Phone 509-547-2478